

Canon XF Plugin for Avid Media Access Version 1.0

Instructions

This plugin was created to allow you to easily link the clips you recorded using the camcorder to your Avid non-linear editing system. The plugin uses Avid Media Access (AMA) architecture to link the clips in the camcorder or on a CF card directly into a bin in Avid Media Composer or NewsCutter (collectively referred to as 'editing software'). Refer also to the instruction manuals of the editing software used.

Preparations

This plugin is compatible with Media Composer, version* 4.0.5, 5.0 or 5.5, and NewsCutter, version* 8.0.5, 9.0 or 9.5. Complete the following preparations before using this plugin.

* As of October 2011, clips that were recorded using the 50 Mbps (4:2:2), 1280x720, 23.98P video configuration are not supported by Media Composer, version 4.0.5 or 5.0.0 or NewsCutter, version 8.0.5 or 9.0.0. (Update Media Composer to the latest release of version 5.0 or 5.5 or NewsCutter to the latest release of version 9.0 or 9.5.) Also, clips recorded using the 25 Mbps (4:2:0), 1440x1080, 29.97P video configuration will be treated as 59.94i clips. To edit a video project as a 29.97P project, please use clips recorded using the 50 Mbps (4:2:2), 29.97P or 35 Mbps (4:2:0), 29.97P video configurations.

As of October 2011, clips that were recorded using the 24.00P frame rate are not supported by Media Composer or NewsCutter.

1. **When using Media Composer 4.0.5 or 5.5 or NewsCutter 8.0.5 or 9.5 only** Download and install the following plugin offered by Avid: **Avid AMA MXF Plug-in**.
For details, refer to Avid's Web page.
2. Start up the editing software and check the AMA settings. Make sure that the Enable AMA Volume Management option is checked.

Linking clips directly from the camcorder or from a CF card

Using AMA architecture, you can link clips to the editing software directly from a CF card inserted into a card reader connected to your computer. If your camcorder features a USB terminal, you can also connect the camcorder to the computer using a USB cable to link clips directly from the camcorder.

For details about linking media with AMA, refer to the instruction manuals of the editing software used.

1. Start up the editing software.
2. Connect the CF card or the camcorder to the computer.
 - **CF card:** Connect a commercially available card reader compatible with CompactFlash memory cards to the computer and insert the CF card into the card reader.
 - **Camcorder equipped with a USB terminal:**
 - ① Power the camcorder using the compact power adapter.
 - ② Turn on the camcorder and set in MEDIA mode.
 - ③ Connect the camcorder to the computer using a USB cable. Use the optional IFC-400PCU USB cable or similar mini-B USB cable.
 - The editing software will automatically scan the CF card or the camcorder and link the clips into a bin (based on the software's AMA settings). The Bin window will open and show the linked clips.
3. Continue the editing operation in the editing software.
Consult the software's guides and help files as necessary.
4. When you finish editing the clips, use the Safely Remove Hardware function to terminate the connection to the hardware.

5. Disconnect the card reader or camcorder from the computer and remove the CF card.

IMPORTANT

- Please observe the following precautions. Failing to do so may result in permanent data loss.

While a CF card is connected to the computer:

- Do not remove the CF card or the CF card reader while editing or accessing the clips on the CF card.
- Do not access, change or delete any of the CF card's folders or files directly from the computer. Always access the files on the CF card only using the procedure described above.

When the camcorder is connected directly to the computer:

- Do not open any of the CF card slot covers and do not remove the CF cards.
- Do not disconnect the USB cable.
- Do not turn off the camcorder or the computer.

NOTES

- When using a commercially available card reader, use of a UDMA-compatible card reader is recommended.

Linking clips previously backed up onto a virtual media

Using AMA architecture, you can link clips to the editing software directly from virtual media in local folders on the computer to which you backed up or moved clips beforehand, using Canon XF Utility. This is convenient when you want to use the CF card immediately to continue recording.

For details about backing up clips onto local folders in the computer, refer to Canon XF Utility Instruction Manual.

For details about linking media with AMA, refer to the instruction manuals of the editing software used.

1. Start up the editing software.

2. Select File > Link to AMA Volumes.

3. In the dialog box that opens, navigate to the local folder where the virtual media is stored and click OK.

- To verify the location of the local folder where the virtual media was saved, right-click on the desired media in the media panel of Canon XF Utility and click Virtual Media Properties in the contextual menu that opens.
- The Bin window will open and show the clips saved in the selected local folder.

4. Continue the editing operation in the editing software.

Consult the software's guides and help files as necessary.

NOTES

- **When using Media Composer 4.0.5 or 5.0 or NewsCutter 8.0.5 or 9.0:** The clips will not be correctly recognized if any of the folder names in the selected path contains multibyte characters. Move the files to a different folder with a directory path that includes only ASCII alphanumeric characters and try linking the files again.

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